

CENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT

SECRET

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COUNTRY **East Germany**

REPORT

SUBJECT 1. Structure of DIA Werkzeugmaschinen und Metallwaren (WMW)
2. Kontor 03 of DIA WMW

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THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.

1. The Chief Director of DIA Werkzeugmaschinen und Metallwaren as of May 1955 was Willi Kupper, SED member. His deputy is Kurt Neumann (SED). The technical directors of this DIA are directly responsible to Chief Director Kupper. The position of Technical Director for Machine Tools is not filled at present. The Technical Director for Tools and Material Products is Arno Teipel, SED member. 25X1
2. The following sales departments, which are called Kontore, are under the Technical Directors:
 - Kontor 01 - Lathes and milling machines; Chief - Herold (fnu - SED).
 - Kontor 02 - Planing machines and boring machines; Chief - Klau (fnu - SED).
 - Kontor 03 - Plate processing machines, forge equipment, presses, shears and hammers; Chief - Hermann Lojewski (no party affiliation).
 - Kontor 04 - Canning machines (Blechballagemaschinen); Chief - Werner Wolf (LD).
 - Kontor 05 - Wood processing machinery; Chief - Schwarz (fnu - no party affiliation).
 - Kontor 06 - Machine tools; Chief - Edmund Janicki (SED).
 - Kontor 07 - Abrasives; Chief - Wennekers (fnu - SED).
 - Kontor 08 - Metal goods; Chief - Schiller (fnu - no party affiliation).
 - Kontor 09 - Grinding machines; Chief - Gerbsch (fnu - no party affiliation).
 - Kontor 10 - China and Korea; Chief - Reichelt (fnu); agent in China; his temporary deputy is Karl Rahn (SED).
3. Each Kontor is divided into two sales groups: one sales group processes orders from the Peoples' Democracies, and the other handles trade with capitalist countries.
4. During the year 1955, Kontor 03 is to deliver to the Soviet Union 314 mechanical presses, from 125 to 1,600 metric tons, with a total value of 44 million rubles. All calculations are made on the basis of rubles; the official rate of exchange is as follows: one ruble equals 0.556 DME,

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(Note: Washington distribution indicated by "X". Field distribution by "x".)

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\$1.00 equals 4 rubles, one DMW equals 4 rubles. Only three 1,600-ton presses are to be delivered; one was delivered in April 1955, one is to be delivered in September 1955, and the third in December 1955. The 1,600-ton press delivered in April was the first one ever produced in East Germany and is alleged to be the largest mechanical press in Europe. It was constructed by VEB Schwermaschinenbau Henry Pels Erfurt, which is a former SAG factory employing about 3,000 persons. In 1953, the Henry Pels plant built a series of shears (one series consists of six units) and delivered it to the USSR. These shears are capable of cutting plate 60 mm thick with a strength (Festigkeit) of 80 kilograms per square mm.¹ The cutting length of the shears is 4 meters. In 1955 two more series of shears are to be produced for the USSR. One series is to be delivered by June 1955, the other at a later date.² The following presses and shears are to be delivered to the USSR in 1955: 95 trimming presses with a pressure of 80 to 315 metric tons and 12 hand-wheel extrusion presses with a pressure of 80 and 125 metric tons, with a total value of 2 million rubles; 50 hydraulic presses with a pressure of 200 to 400 metric tons and with a total value of 500 million rubles; 110 combination shears for 16 mm and 25 mm plate with a total value of 500 million rubles; and 190 sheet shears for plate 6 to 25 mm thick with a total value of 15 million rubles.

5. Eight mechanical presses with a pressure of 500 metric tons, two mechanical presses with a pressure of 1,000 metric tons, two mechanical presses with a pressure of 800 metric tons, and various small tools are to be delivered to Czechoslovakia during 1955. The total value of the presses amounts to 5 million rubles and that of the small tools to one million rubles. Two mechanical presses with a pressure of 500 metric tons and a total value of 600,000 rubles are to be delivered to Hungary in 1955. East Germany is to deliver two mechanical presses with a pressure of 500 metric tons, one mechanical press with a pressure of 500 metric tons, and 25 sheet shears for 40 mm plate to Poland in 1955; the total value of the mechanical presses amounts to 700 thousand rubles and the value of the sheet shears is set at 600,000 rubles.

6. The following are the plan positions for which Kontor 03 is responsible:

- 22 12112 - mechanical presses up to 125 metric tons pressure
- 22 12113 - mechanical presses over 125 metric tons pressure
- 22 12115 - friction spindle presses (Reibspindelpressen)
- 22 12120 - gang presses
- 22 12130 - other presses
- 22 12151 - hydraulic presses up to 63 metric tons pressure
- 22 12152 - hydraulic presses over 63 metric tons pressure
- 22 12170 - hand spindle presses
- 22 12990 - various hydraulic presses
- 22 13110 - forge hammers
- 22 13130 - riveting machines
- 22 14110 - combination shears
- 22 14120 - sheet shears
- 22 14130 - hand shears
- 22 14140 - profile shears
- 22 14990 - other shears

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7. The following plants deliver equipment to Kontor 03 for export:

- a. VEB Schwermaschinenbau Henry Pels Erfurt - Toggle-lever extrusion presses; crank-wheel extrusion presses of 160 to 1,600 metric tons pressure; trimming presses of 80 to 400 metric tons pressure; plate shears for plate 3.15 mm to 60 mm thick; combination shears for plate 16 mm and 25 mm thick; special shears for plate 4 mm and 6 mm thick; and various rolling mill equipment, such as tubular rivet machines, ring machines, and ring-bending machines.

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- b. VEB Maschinenfabrik Aue - canister machines, eccentric presses with from 20 to 160 metric tons pressure; crank-drawing presses with from 100 to 630 metric tons pressure; double eccentric presses with from 100 to 630 metric tons pressure; hand-wheel extrusion presses with from 40 to 120 metric tons pressure; friction spindle presses with from 100 to 400 metric tons pressure;
- c. VEB Maschinenfabrik Gera - shears for plate 6 mm to 25 mm thick; combination shears for plate 11 mm and 16 mm thick; trimming presses with 80 and 160 metric tons pressure.
- d. VEB Maschinenfabrik Zeilenwerda³ - eccentric presses with from 20 to 160 metric tons pressure; sheet shears for plate 3 mm to 8 mm thick; metal mesh presses for plate 5 mm thick (working width for press is 1.25 and 2.50 meters; these presses are used for producing reinforcement inserts for concrete roads); hydraulic presses with 2 to 100 metric tons pressure.
- e. VEB Pressenwerk Freital - hydraulic presses with 100 to 1,000 metric tons pressure; wheel-set presses with 400 metric tons pressure.
- f. VEB Pressenwerk Bad Salzungen - eccentric presses with 6.3 to 100 metric tons pressure.
- g. VEB Schwermaschinenbau Heinrich Rau, Wildau - rolling mill equipment of all kinds; and forging equipment.
- h. VEB Bernsdorfer Eisenwerk - 70 to 500 - kilogram air hammers.
- i. Fottin, Dessau (private enterprise) - hydraulic pipe-bending machines; hydraulic lifting machines.
- j. VEB Kaltverformungsmaschinenwerk Karl Marx-Stadt - hammer machines with 3,000 strokes per minute for metal 3mm to 31 mm in diameter.
7. Bulgaria has placed orders for 1956 for a complete set of forging equipment for the production of individual parts for heavy tracked vehicles. The equipment consists of one forging press with 300 metric tons pressure, complete with hydraulic station; one bridge hammer (Brueckenhammer) with 1,500 tons capacity; one counter-strike hammer, 20 meters per kilogram (m/kg); one counter-strike hammer, 40 meters per kilogram; one precision forging hammer (Feinschmiedehammer), 1,000 kilograms; one trimming press, 1,000 kilograms; and one trimming press, 1,600 kilograms. The total value of the equipment amounts to about 7 million rubles. Deadline for delivery is the first half of 1956. The equipment is to be produced at VEB Schwermaschinenbau Heinrich Rau, Wildau. Bulgaria had previously attempted to procure the equipment from West Germany but was unable to place contracts for it. It is not known which West German firms were approached.

1. Comment: Plate of this strength is used in the construction of tanks; normal strength of plate 60 mm thick amounts to 45 or 50 kilograms per square mm. 25X1
2. Comment: The second series will probably not be delivered before 1956 because of difficulties incurred in procuring the necessary raw material. 25X1
3. Comment: As received. Possibly Zeulenroda. 25X1

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